

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/08278

A. CLASSIFICATION OF SUBJECT MATTER IPC: G06K 11/00(2006.01) USPC: 717/1-57,100 According to International Patent Classification (IPC) or to both national classification and IPC												
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 717/1-57,100 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)												
C. DOCUMENTS CONSIDERED TO BE RELEVANT												
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.										
X --- Y	US 6,401,174 B1 (HAGERSTEN et al) 4 June 2002 (04.06.2002), column 23, line 52 - column 24, line 57.	1,2,8,9,15, ----- 3-7,10-14,16										
Y	US 2002/0083377 A1 (CLAUSS et al) 27 June 2002 (27.06.2002), page 2, paragraph 19 - page 3, paragraph 38.	3-7,10-14,16										
A	US 5,090,014 (POLICH et al) 18 February 1992 (18.02.1992), col. 2, line 24 - column 3, line 67.											
A	US 2003/0159088 A1 (PHILLIPS et al.) 21 August 2003 (21.08.2003), page 4, paragraph 43 - page 7, paragraph 85.											
A	US 6,718,489 B1 (LEE et al) April 6 2004 (04.06.2004), column 6, line 36 - column 12, line 65.											
A	US 2004/0139374 A1 (MEANEY et al) 15 July 2004 (15.07.2004), page 3, paragraph 37 - page 9, paragraph 81											
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.												
* Special categories of cited documents: <table border="0"> <tr> <td>"A" document defining the general state of the art which is not considered to be of particular relevance</td> <td>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td>"E" earlier application or patent published on or after the international filing date</td> <td>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td> <td>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td>"O" document referring to an oral disclosure, use, exhibition or other means</td> <td>"&" document member of the same patent family</td> </tr> <tr> <td>"P" document published prior to the international filing date but later than the priority date claimed</td> <td></td> </tr> </table>			"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family	"P" document published prior to the international filing date but later than the priority date claimed	
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Date of the actual completion of the international search 27 September 2007 (27.09.2007)		Date of mailing of the international search report 01 NOV 2007										
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201		Authorized officer William Thomson Telephone No. (571) 272-2100 										